

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/798,090A
Source: 1 Fw 16
Date Processed by STIC: 11/14/05

ENTERED



IFW16

RAW SEQUENCE LISTING

DATE: 11/14/2005

PATENT APPLICATION: US/10/798,090A

TIME: 14:56:19

Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt

Output Set: N:\CRF4\11142005\J798090A.raw

3 <110> APPLICANT: Sirna Therapeutics, Inc.
4 Richards, Ivan
5 McSwiggen, James
7 <120> TITLE OF INVENTION: RNA Interference Mediated Inhibition of Muscarinic
Colinergic
8 Receptor Gene Expression Using Short Interfering Nucleic Acid
9 (siNA)
11 <130> FILE REFERENCE: 400/147 (MBHB04-183)
13 <140> CURRENT APPLICATION NUMBER: US 10/798,090A
14 <141> CURRENT FILING DATE: 2004-03-11
16 <150> PRIOR APPLICATION NUMBER: US 10/757,803
17 <151> PRIOR FILING DATE: 2004-01-14
19 <150> PRIOR APPLICATION NUMBER: US 10/720,448
20 <151> PRIOR FILING DATE: 2003-11-24
22 <150> PRIOR APPLICATION NUMBER: US 10/693,059
23 <151> PRIOR FILING DATE: 2003-10-23
25 <150> PRIOR APPLICATION NUMBER: US 10/444,853
26 <151> PRIOR FILING DATE: 2003-05-23
28 <150> PRIOR APPLICATION NUMBER: PCT/US03/05346
29 <151> PRIOR FILING DATE: 2003-02-20
31 <150> PRIOR APPLICATION NUMBER: PCT/US03/05028
32 <151> PRIOR FILING DATE: 2003-02-20
34 <150> PRIOR APPLICATION NUMBER: US 60/358,580
35 <151> PRIOR FILING DATE: 2002-02-20
37 <150> PRIOR APPLICATION NUMBER: US 60/363,124
38 <151> PRIOR FILING DATE: 2002-03-11
40 <150> PRIOR APPLICATION NUMBER: US 60/386,782
41 <151> PRIOR FILING DATE: 2002-06-06
43 <150> PRIOR APPLICATION NUMBER: US 60/406,784
44 <151> PRIOR FILING DATE: 2002-08-29
46 <150> PRIOR APPLICATION NUMBER: US 60/408,378
47 <151> PRIOR FILING DATE: 2002-09-05
49 <150> PRIOR APPLICATION NUMBER: US 60/409,293
50 <151> PRIOR FILING DATE: 2002-09-09
52 <150> PRIOR APPLICATION NUMBER: US 60/440,129
53 <151> PRIOR FILING DATE: 2003-01-15
55 <150> PRIOR APPLICATION NUMBER: US 10/427,160
56 <151> PRIOR FILING DATE: 2003-04-30
58 <150> PRIOR APPLICATION NUMBER: PCT/US02/15876
59 <151> PRIOR FILING DATE: 2003-05-17
61 <160> NUMBER OF SEQ ID NOS: 305
63 <170> SOFTWARE: PatentIn version 3.3
65 <210> SEQ ID NO: 1
66 <211> LENGTH: 19

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Output Set: N:\CRF4\11142005\J798090A.raw

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67 <212> TYPE: RNA
68 <213> ORGANISM: Artificial Sequence
70 <220> FEATURE:
71 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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77 <210> SEQ ID NO: 2
78 <211> LENGTH: 19
79 <212> TYPE: RNA
80 <213> ORGANISM: Artificial Sequence
82 <220> FEATURE:
83 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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86 uacaaccucg ccuuuguuu                               19
89 <210> SEQ ID NO: 3
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91 <212> TYPE: RNA
92 <213> ORGANISM: Artificial Sequence
94 <220> FEATURE:
95 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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98 uccaaacauc agcuccucc                               19
101 <210> SEQ ID NO: 4
102 <211> LENGTH: 19
103 <212> TYPE: RNA
104 <213> ORGANISM: Artificial Sequence
106 <220> FEATURE:
107 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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110 cuggauacac agccccucc                               19
113 <210> SEQ ID NO: 5
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115 <212> TYPE: RNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
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sense region
121 <400> SEQUENCE: 5
122 cgaugcaggg cugcccccg                               19
125 <210> SEQ ID NO: 6
126 <211> LENGTH: 19
127 <212> TYPE: RNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
133 <400> SEQUENCE: 6
134 gggaaccguc acucauuuc                               19
137 <210> SEQ ID NO: 7

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138 <211> LENGTH: 19
139 <212> TYPE: RNA

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143 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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154 <220> FEATURE:
155 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
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158 ucgagcagcu ggcaauuuc                                19
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163 <212> TYPE: RNA
164 <213> ORGANISM: Artificial Sequence
166 <220> FEATURE:
167 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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169 <400> SEQUENCE: 9
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174 <211> LENGTH: 19
175 <212> TYPE: RNA
176 <213> ORGANISM: Artificial Sequence
178 <220> FEATURE:
179 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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187 <212> TYPE: RNA
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202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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205 <400> SEQUENCE: 12
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210 <211> LENGTH: 19

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211 <212> TYPE: RNA

212 <213> ORGANISM: Artificial Sequence

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214 <220> FEATURE:
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218 cuuaacgggc auccggcc 19
221 <210> SEQ ID NO: 14
222 <211> LENGTH: 19
223 <212> TYPE: RNA
224 <213> ORGANISM: Artificial Sequence
226 <220> FEATURE:
227 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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229 <400> SEQUENCE: 14
230 cuuggugacc aucaucggc 19
233 <210> SEQ ID NO: 15
234 <211> LENGTH: 19
235 <212> TYPE: RNA
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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245 <210> SEQ ID NO: 16
246 <211> LENGTH: 19
247 <212> TYPE: RNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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254 gucauuuag gucaacaag 19
257 <210> SEQ ID NO: 17
258 <211> LENGTH: 19
259 <212> TYPE: RNA
260 <213> ORGANISM: Artificial Sequence
262 <220> FEATURE:
263 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region
265 <400> SEQUENCE: 17
266 gcagcugaag acggucaac 19
269 <210> SEQ ID NO: 18
270 <211> LENGTH: 19
271 <212> TYPE: RNA
272 <213> ORGANISM: Artificial Sequence
274 <220> FEATURE:
275 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
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277 <400> SEQUENCE: 18
278 caacuacuuc cucuaagc 19
281 <210> SEQ ID NO: 19
282 <211> LENGTH: 19
283 <212> TYPE: RNA

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284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:

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Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt

Output Set: N:\CRF4\11142005\J798090A.raw

287 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

289 <400> SEQUENCE: 19
290 ccuggccugu gccgaucug 19
293 <210> SEQ ID NO: 20
294 <211> LENGTH: 19
295 <212> TYPE: RNA
296 <213> ORGANISM: Artificial Sequence
298 <220> FEATURE:
299 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

301 <400> SEQUENCE: 20
302 gauuauccggg gucauuuca 19
305 <210> SEQ ID NO: 21
306 <211> LENGTH: 19
307 <212> TYPE: RNA
308 <213> ORGANISM: Artificial Sequence
310 <220> FEATURE:
311 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

313 <400> SEQUENCE: 21
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317 <210> SEQ ID NO: 22
318 <211> LENGTH: 19
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322 <220> FEATURE:
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sense region

325 <400> SEQUENCE: 22
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329 <210> SEQ ID NO: 23
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332 <213> ORGANISM: Artificial Sequence
334 <220> FEATURE:
335 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

337 <400> SEQUENCE: 23
338 augggccuua gggaacuug 19
341 <210> SEQ ID NO: 24
342 <211> LENGTH: 19
343 <212> TYPE: RNA
344 <213> ORGANISM: Artificial Sequence
346 <220> FEATURE:
347 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

349 <400> SEQUENCE: 24
350 ggccugugac cucuggcuu 19
353 <210> SEQ ID NO: 25
354 <211> LENGTH: 19
355 <212> TYPE: RNA
356 <213> ORGANISM: Artificial Sequence

358 <220> FEATURE:

359 <223> OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA
sense region

RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:207; N Pos. 20,21
Seq#:208; N Pos. 20,21
Seq#:209; N Pos. 20,21
Seq#:210; N Pos. 20,21
Seq#:211; N Pos. 20,21
Seq#:212; N Pos. 20,21
Seq#:213; N Pos. 20,21
Seq#:214; N Pos. 20,21
Seq#:215; N Pos. 20,21
Seq#:216; N Pos. 20,21
Seq#:217; N Pos. 20,21
Seq#:218; N Pos. 20,21
Seq#:219; N Pos. 20,21
Seq#:220; N Pos. 20,21
Seq#:221; N Pos. 20,21
Seq#:222; N Pos. 20,21
Seq#:223; N Pos. 20,21
Seq#:224; N Pos. 20,21
Seq#:225; N Pos. 20,21
Seq#:226; N Pos. 20,21
Seq#:227; N Pos. 20,21
Seq#:228; N Pos. 20,21
Seq#:229; N Pos. 20,21
Seq#:230; N Pos. 20,21
Seq#:231; N Pos. 20,21
Seq#:232; N Pos. 20,21
Seq#:233; N Pos. 20,21
Seq#:234; N Pos. 20,21
Seq#:235; N Pos. 20,21
Seq#:236; N Pos. 20,21
Seq#:237; N Pos. 20,21
Seq#:238; N Pos. 20,21
Seq#:239; N Pos. 20,21
Seq#:240; N Pos. 20,21
Seq#:241; N Pos. 20,21
Seq#:242; N Pos. 20,21
Seq#:243; N Pos. 20,21
Seq#:244; N Pos. 20,21
Seq#:245; N Pos. 20,21
Seq#:246; N Pos. 20,21
Seq#:247; N Pos. 20,21
Seq#:248; N Pos. 20,21
Seq#:249; N Pos. 20,21
Seq#:250; N Pos. 20,21

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Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt
Output Set: N:\CRF4\11142005\J798090A.raw

Seq#:251; N Pos. 20,21
Seq#:252; N Pos. 20,21
Seq#:253; N Pos. 20,21
Seq#:254; N Pos. 20,21
Seq#:255; N Pos. 20,21
Seq#:256; N Pos. 20,21
Seq#:257; N Pos. 20,21
Seq#:258; N Pos. 20,21
Seq#:259; N Pos. 20,21
Seq#:260; N Pos. 20,21
Seq#:261; N Pos. 20,21
Seq#:262; N Pos. 20,21
Seq#:263; N Pos. 20,21
Seq#:264; N Pos. 20,21
Seq#:265; N Pos. 20,21
Seq#:266; N Pos. 20,21
Seq#:267; N Pos. 20,21
Seq#:268; N Pos. 20,21
Seq#:269; N Pos. 20,21
Seq#:270; N Pos. 20,21
Seq#:271; N Pos. 20,21
Seq#:272; N Pos. 20,21
Seq#:273; N Pos. 20,21
Seq#:274; N Pos. 20,21
Seq#:275; N Pos. 20,21
Seq#:276; N Pos. 20,21
Seq#:277; N Pos. 20,21
Seq#:278; N Pos. 20,21
Seq#:279; N Pos. 20,21
Seq#:280; N Pos. 20,21
Seq#:281; N Pos. 20,21
Seq#:282; N Pos. 20,21
Seq#:283; N Pos. 20,21
Seq#:284; N Pos. 20,21
Seq#:285; N Pos. 20,21
Seq#:286; N Pos. 20,21
Seq#:287; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:288; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:289; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:290; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:291; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:292; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:293; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:294; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:295; N Pos. 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16,17,18,19,20,21
Seq#:296; N Pos. 20,21
Seq#:297; N Pos. 20,21
Seq#:298; N Pos. 20,21
Seq#:299; N Pos. 20,21

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Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt
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Seq#:300; N Pos. 20,21
Seq#:301; N Pos. 20,21
Seq#:302; N Pos. 20,21
Seq#:303; N Pos. 20,21
Seq#:304; N Pos. 20,21

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L:2552 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:207 after pos.:0
L:2570 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:208 after pos.:0
L:2588 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:209 after pos.:0
L:2606 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:210 after pos.:0
L:2624 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:211 after pos.:0
L:2642 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:212 after pos.:0
L:2660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:213 after pos.:0
L:2678 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:214 after pos.:0
L:2696 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:0
L:2714 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:216 after pos.:0
L:2732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:217 after pos.:0
L:2750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:218 after pos.:0
L:2768 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:219 after pos.:0
L:2786 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:220 after pos.:0
L:2804 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:221 after pos.:0
L:2822 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:222 after pos.:0
L:2875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:223 after pos.:0
L:2928 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:224 after pos.:0
L:2971 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:225 after pos.:0
L:3014 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:226 after pos.:0
L:3067 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:227 after pos.:0
L:3120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:228 after pos.:0
L:3178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:229 after pos.:0
L:3231 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:230 after pos.:0
L:3279 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:231 after pos.:0
L:3322 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:232 after pos.:0
L:3355 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:233 after pos.:0
L:3397 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:234 after pos.:0
L:3445 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:235 after pos.:0
L:3498 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:0
L:3546 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:237 after pos.:0
L:3594 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:238 after pos.:0
L:3672 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:239 after pos.:0
L:3745 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:240 after pos.:0
L:3798 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:241 after pos.:0
L:3856 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:242 after pos.:0
L:3934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:243 after pos.:0
L:4017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:244 after pos.:0
L:4100 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:245 after pos.:0
L:4178 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:246 after pos.:0
L:4251 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:247 after pos.:0
L:4319 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:248 after pos.:0
L:4367 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:249 after pos.:0
L:4420 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:250 after pos.:0
L:4493 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:251 after pos.:0
L:4571 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:252 after pos.:0
L:4649 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:253 after pos.:0
L:4722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:254 after pos.:0

VERIFICATION SUMMARY

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Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt

Output Set: N:\CRF4\11142005\J798090A.raw

L:4800 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:255 after pos.:0
L:4873 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:256 after pos.:0
L:4926 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:257 after pos.:0
L:4984 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:258 after pos.:0
L:5062 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:0
L:5145 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:260 after pos.:0
L:5228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:261 after pos.:0
L:5306 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:262 after pos.:0
L:5379 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:263 after pos.:0
L:5447 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:264 after pos.:0
L:5495 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0
L:5548 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:266 after pos.:0
L:5621 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:267 after pos.:0
L:5699 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:268 after pos.:0
L:5777 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:269 after pos.:0
L:5850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:270 after pos.:0
L:5878 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:271 after pos.:0
L:5906 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:272 after pos.:0
L:5934 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:273 after pos.:0
L:5962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:274 after pos.:0
L:5990 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:275 after pos.:0
L:6018 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:276 after pos.:0
L:6046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:277 after pos.:0
L:6074 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:278 after pos.:0
L:6097 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:279 after pos.:0
L:6120 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:280 after pos.:0
L:6143 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:281 after pos.:0
L:6166 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:282 after pos.:0
L:6189 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:283 after pos.:0
L:6212 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:6235 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:285 after pos.:0
L:6258 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:286 after pos.:0
L:6285 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:6312 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:288 after pos.:0
L:6340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:289 after pos.:0
L:6373 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:0
L:6406 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:291 after pos.:0
L:6439 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:6472 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:293 after pos.:0
L:6505 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:294 after pos.:0
L:6538 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:295 after pos.:0
L:6565 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:296 after pos.:0
L:6592 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:297 after pos.:0
L:6674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:298 after pos.:0
L:6761 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:299 after pos.:0
L:6818 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:300 after pos.:0
L:6875 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:301 after pos.:0
L:6967 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:302 after pos.:0
L:7024 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:303 after pos.:0

VERIFICATION SUMMARY

DATE: 11/14/2005

PATENT APPLICATION: US/10/798,090A

TIME: 14:56:20

Input Set : D:\400.147 Sequence Listing - Rev 11-8-05.ST25.txt

Output Set: N:\CRF4\11142005\J798090A.raw

L:7111 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:304 after pos.:0